



Can close calls help define warning accuracy?

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Abstract:

A new conceptual model is now being developed so as to reduce the false-alarm rate (FAR) done by the National Weather Service (NWS). In meteorology, false alarm is defined to be an event forecasted to occur that did not actually happen. This conceptual model suggests that there is a more possibility of success of warning. It uses real examples to illustrate that there can be a wider range of accuracy. In addition to the false alarm and the perfect forecast, this model has the elements that include "unwarned", "underwarned", and "overwarned" events. The unwarned event occurs without any warning while the underwarned event occurs but not as strong as the warning. The overwarned is simply the opposite of underwarned. This model serves as a framework to reevaluate the current methodology for determining FAR.

Source: Ask your librarian to help locate this item.

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Public

Early Warning System:

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event

Extreme Weather Event: Other Extreme Event

Climate Change and Human Health Literature Portal

Extreme Weather Event (other): Tornadoes

Geographic Feature: ☒

resource focuses on specific type of geography

None or Unspecified

Geographic Location: ☒

resource focuses on specific location

United States

Health Impact: ☒

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

Mitigation/Adaptation: ☒

mitigation or adaptation strategy is a focus of resource

Adaptation

Resource Type: ☒

format or standard characteristic of resource

Policy/Opinion

Timescale: ☒

time period studied

Time Scale Unspecified